

## Stat3 (phospho-Tyr705) rabbit pAb

Catalog_no :	AP1514
Applications :	WB
Reactivity :	Human,Mouse,Rat
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	STAT3 APRF
Protein_name :	Stat3 (Tyr705)
Humangene_id :	<a href="#">6774</a>
Humanswissprot_no :	<a href="#">P40763</a>
Mousegene_id :	<a href="#">20848</a>
Mouseswissprot_no :	<a href="#">P42227</a>
Ratgene_id :	<a href="#">25125</a>
Ratswissprot_no :	<a href="#">P52631</a>
Immunogen :	Synthesized phosho peptide around human Stat3 (Tyr705)
Specificity :	This antibody detects endogenous levels of Human Mouse Rat Stat3 (phospho-Tyr705)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability :	-20°C/1 year
Other_name :	Signal transducer and activator of transcription 3 (Acute-phase response factor)
Molecular	88KD

Weight :

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**Background :** signal transducer and activator of transcription 3(STAT3) Homo sapiens The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein is activated through phosphorylation in response to various cytokines and growth factors including IFNs, EGF, IL5, IL6, HGF, LIF and BMP2. This protein mediates the expression of a variety of genes in response to cell stimuli, and thus plays a key role in many cellular processes such as cell growth and apoptosis. The small GTPase Rac1 has been shown to bind and regulate the activity of this protein. PIAS3 protein is a specific inhibitor of this protein. Mutations in this gene are associated with infantile-onset multisystem autoimmune disease and hyper

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